

Granite State Clean Cities Coalition 2018 Green Your Fleet

David Gray

New Hampshire Department of Transportation
Winter Maintenance Program Specialist

NHDOT Fleet Information

- Heavy Duty (6 Wheeler and 10 Wheeler Dump Trucks)
- Medium Duty (Pickups and 1 Tons)
- Light Duty (Sedans and SUV's)
- Heavy Equipment (Loaders, Graders, Backhoes, and Tractors)

Telematics – AVL (Automatic Vehicle Location Systems)

- SkyHawk is our current AVL vendor
- 89 Units installed
 - 64 on Heavy Fleet (Plow Trucks)
 - 20 on Night Patrol Trucks (Pickups)
 - 5 on Service Patrol Trucks

Benefits of AVL's

- Location Tracking
- Winter Material Usage
- Plowing and Spreading Speed Monitoring
- Harsh Breaking & Acceleration
- Excessive Idling

How does Telematics help NHDOT

Location Tracking

- Benefits in accidents
- Able to locate closest asset to responded to road/weather issues

How does Telematics help NHDOT

Winter Material Usage

- Monitor the amount of winter chemical usage
- Track location of chemical usage

How does Telematics help NHDOT

Plowing and Spreading Speed Monitoring

- Ability to monitor the speed at which our trucks plow
- Ability to monitor the speed at which our trucks spread chemicals

How does Telematics help NHDOT

Harsh Breaking, Acceleration & Excessive Idling

- Monitoring these will allow our fleet to be more fuel efficient and minimize excess wear and tear on the vehicle

Thank you

